

Date: Tue, 26 Apr 94 04:30:13 PDT  
From: Ham-Ant Mailing List and Newsgroup <ham-ant@ucsd.edu>  
Errors-To: Ham-Ant-Errors@UCSD.Edu  
Reply-To: Ham-Ant@UCSD.Edu  
Precedence: Bulk  
Subject: Ham-Ant Digest V94 #121  
To: Ham-Ant

Ham-Ant Digest                      Tue, 26 Apr 94                      Volume 94 : Issue 121

Today's Topics:

Slot antennas on cars?  
Wire supports with give?

Send Replies or notes for publication to: <Ham-Ant@UCSD.Edu>  
Send subscription requests to: <Ham-Ant-REQUEST@UCSD.Edu>  
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Ham-Ant Digest are available  
(by FTP only) from UCSD.Edu in directory "mailarchives/ham-ant".

We trust that readers are intelligent enough to realize that all text  
herein consists of personal comments and does not represent the official  
policies or positions of any party. Your mileage may vary. So there.

-----  
Date: Mon, 25 Apr 94 15:52:54 EDT  
From: ihnp4.ucsd.edu!usc!howland.reston.ans.net!europa.eng.gtefsd.com!  
uhog.mit.edu!news.intercon.com!news.pipeline.com!malgudi.oar.net!hypnos!voxbox!  
jgrubs@network.ucsd.edu  
Subject: Slot antennas on cars?  
To: ham-ant@ucsd.edu

tomb@lsid.hp.com (Tom Bruhns) writes:

> Alan Bloom (alanb@sr.hp.com) wrote:  
> : Tom Bruhns (tomb@lsid.hp.com) wrote:  
> : : Has anyone out there experimented with slot antennas on cars? There are  
> :  
> : The front or rear window of a car makes a pretty decent slot antenna for  
> : the CB band (or 10 meters). It's shorter than resonant, but those who  
> : have tried it tell me that a small variable capacitor in series with the  
> : feed gives a low SWR.  
> :  
> Interesting...I would have expected the feedpoint impedance to be  
> pretty high in this case, and inductive. The inductive part matches  
> well with the "small variable capacitor," but perhaps there's more

> going on here than meets the eye with regard to the feedpoint impedance.

Like a quarter-wave piece of co-ax between the radio and the window?

```
/-----\
| Jim Grubs, W8GRT          Voxbox Enterprises   Tel.: 419/882-2697 |
| jgrubs@voxbox.norden1.com 6817 Maplewood Ave.   |
| Fido: 1:234/1.0          Sylvania, Ohio 43560   |
\--+-----/
```

-----

Date: Mon, 25 Apr 94 15:26:47 EDT  
From: galaxy.ucr.edu!library.ucla.edu!csulb.edu!nic-nac.CSU.net!usc!  
howland.reston.ans.net!europa.eng.gtefsd.com!uhog.mit.edu!news.intercon.com!  
news.pipeline.com!malgudi.oar.@@ihnp4.ucsd.edu  
Subject: Wire supports with give?  
To: ham-ant@ucsd.edu

tomb@lsid.hp.com (Tom Bruhns) writes:

> Mike Butts (mbutts@netcom.com) wrote:  
>  
> : The trees will sway in the wind. I know better than  
> : to just tie the ends hard onto the tree ropes. But  
> : I'm unclear on what I should do to give the antenna  
> : good support, what with the ladderline weight in the middle,  
> : and allow some give when the trees move. Whatever  
> : I do has to be hoistable from the ground on the  
> : ropes I've got.  
>  
> : Ideas? What do people do? Thanks in advance.  
>  
> As a contrast to the many suggestions of weights, how about  
> springs?

Mike liked my idea (in e-mail) -- bungee cords.

```
/-----\
| Jim Grubs, W8GRT          Voxbox Enterprises   Tel.: 419/882-2697 |
| jgrubs@voxbox.norden1.com 6817 Maplewood Ave.   |
| Fido: 1:234/1.0          Sylvania, Ohio 43560   |
\--+-----/
```

-----

End of Ham-Ant Digest V94 #121

\*\*\*\*\*